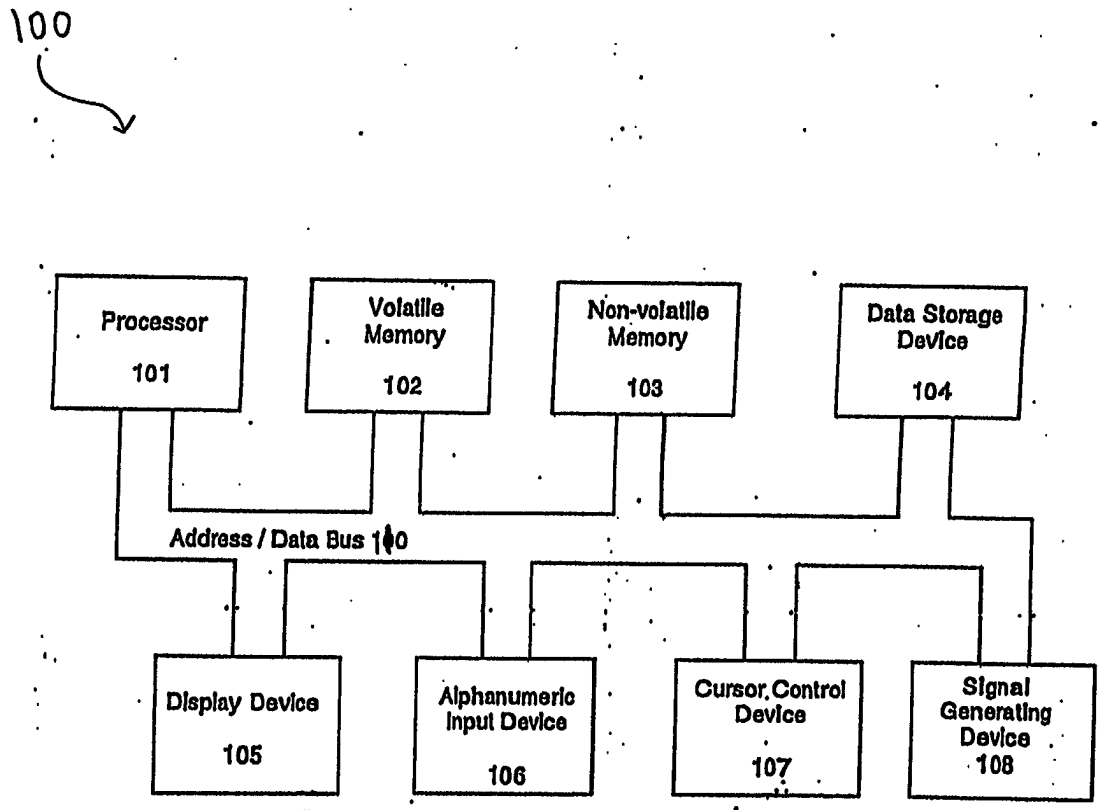

100
Processor
101
Volatile Memory
102
Non-volatile Memory
103
Data Storage Device
104
Address / Data Bus 110
Display Device
105
Alphanumeric Input Device
106
Cursor Control Device
107
Signal Generating Device
108

Figure 1

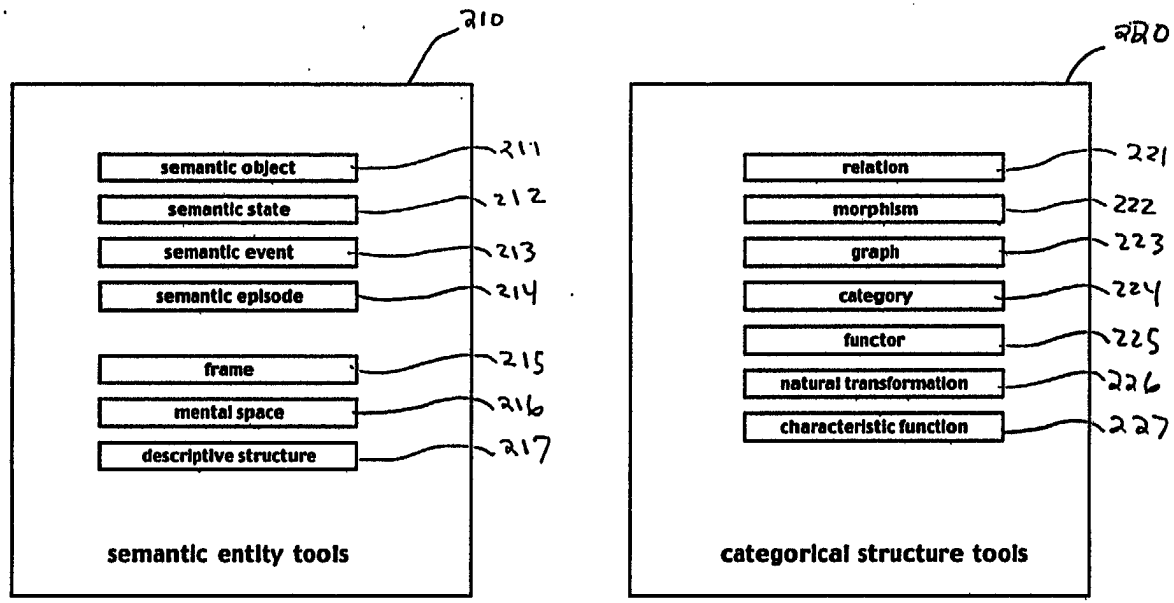

210
semantic object
211
semantic state
212
semantic event
213
semantic episode
214
frame
215
mental space
216
descriptive structure
217
semantic entity tools
220
relation
221
morphism
222
graph
223
category
224
functor
225
natural transformation
226
characteristic function
227
categorical structure tools

Figure 2

Turned Around

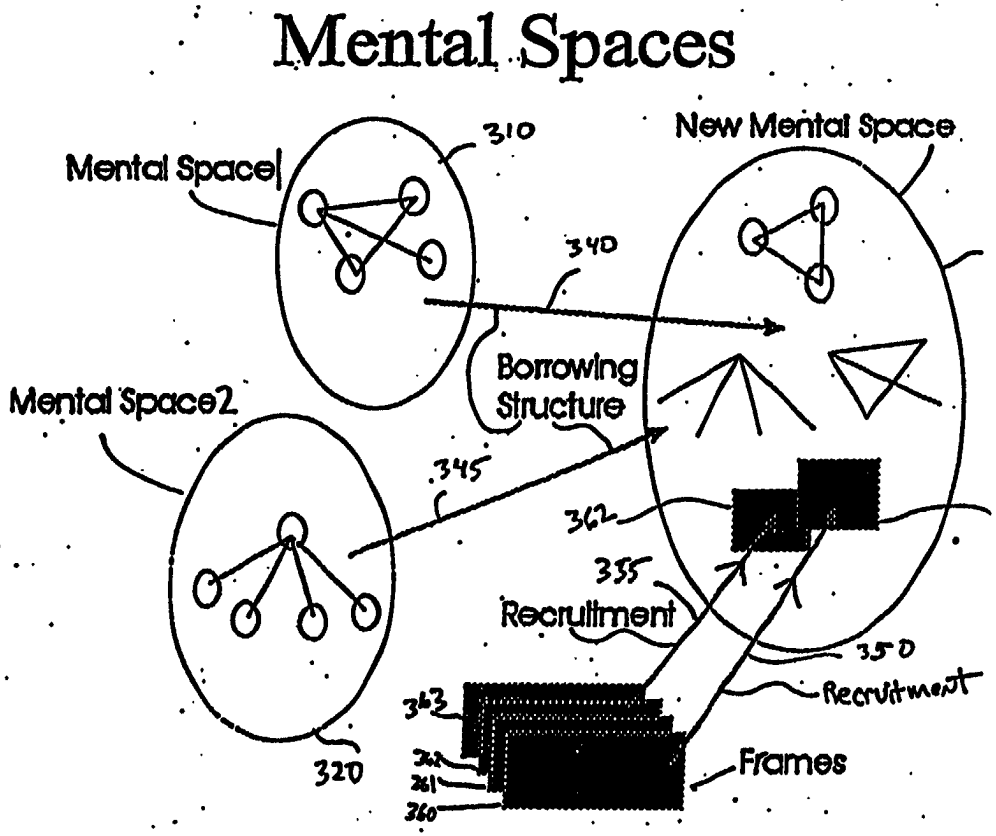


Figure 3

Form PTO-892(Rev.01-93)

Blending or integration

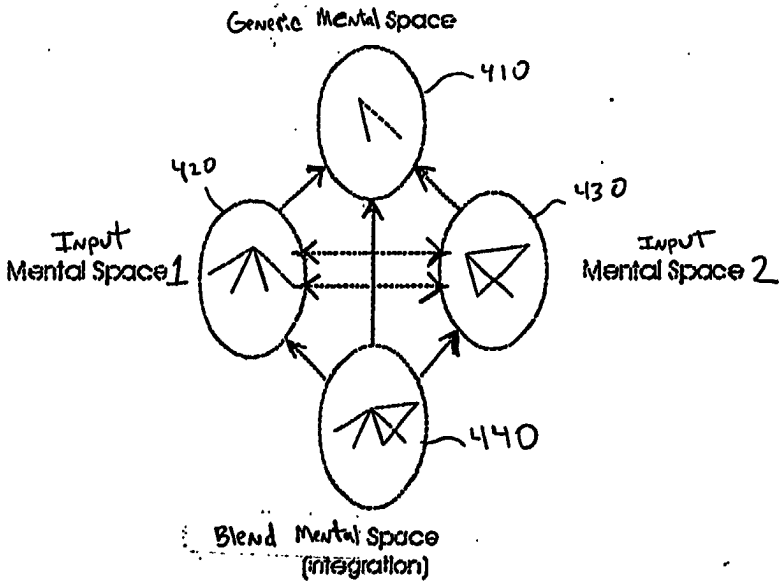


Figure 4

FOUND SEARCHED

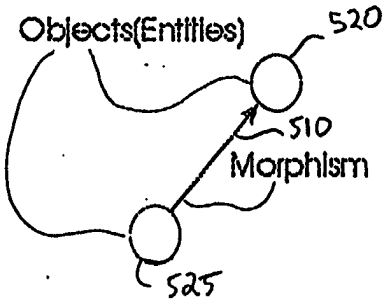


Figure 5A

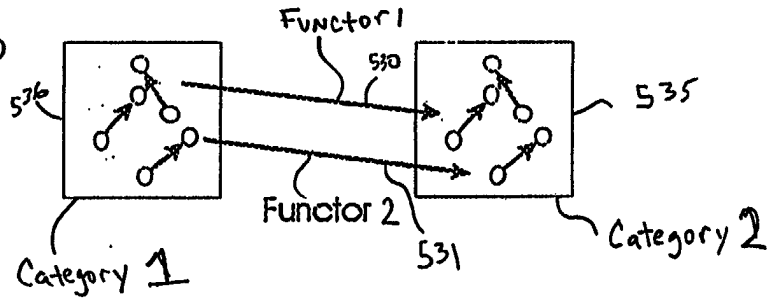


Figure 5B

FORMED BY SOFTSOL

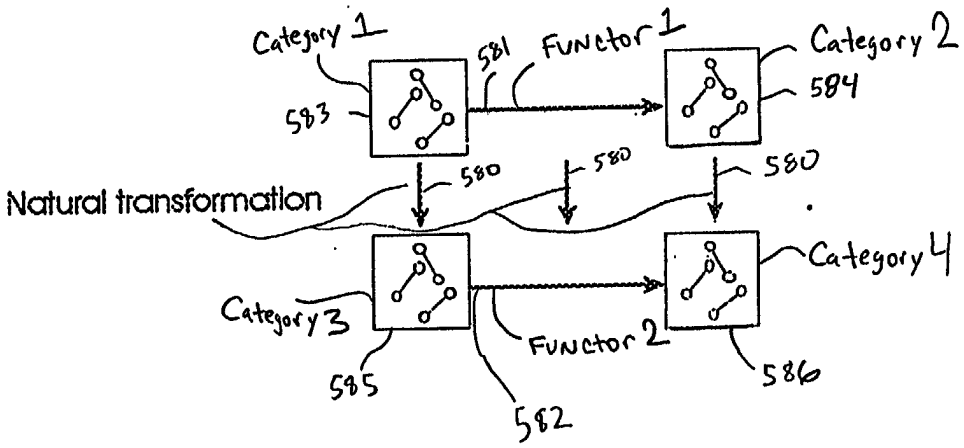


Figure 5C

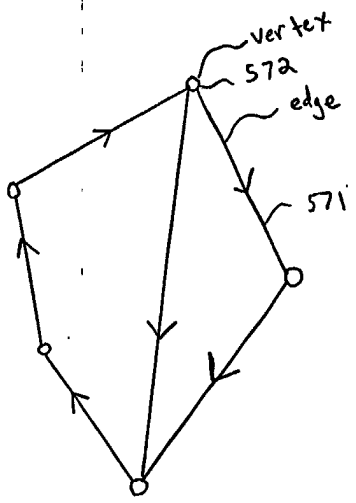


Figure 5D

FORMED DESCRIBED

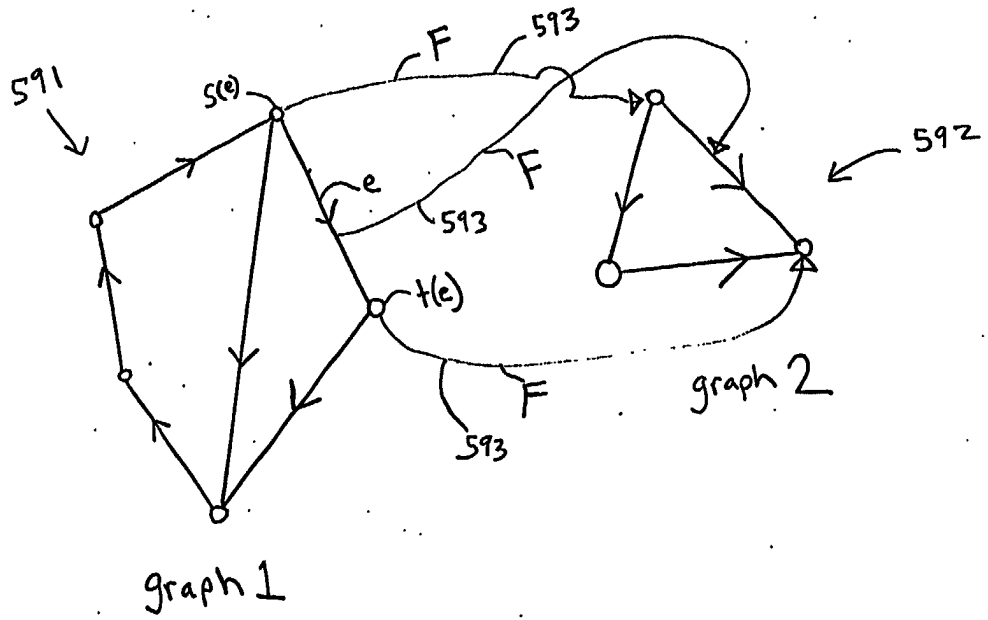


Figure 5E

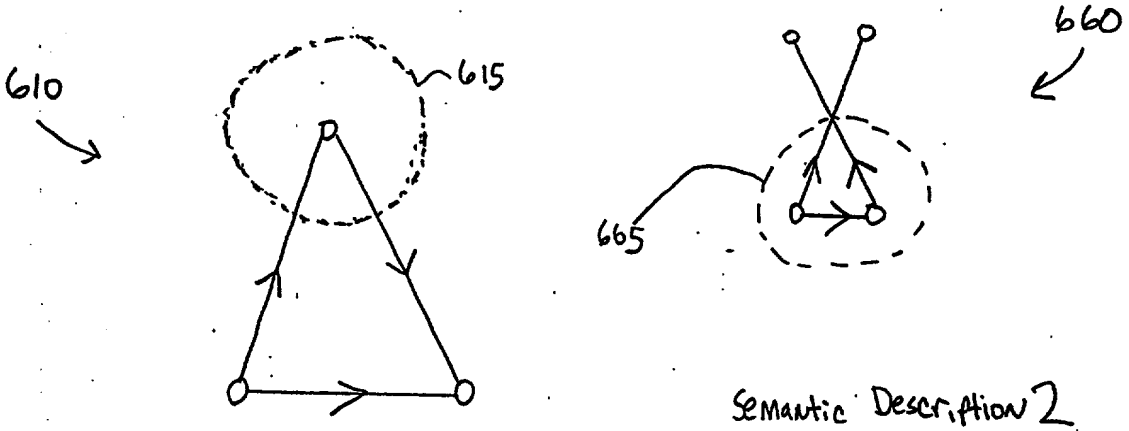
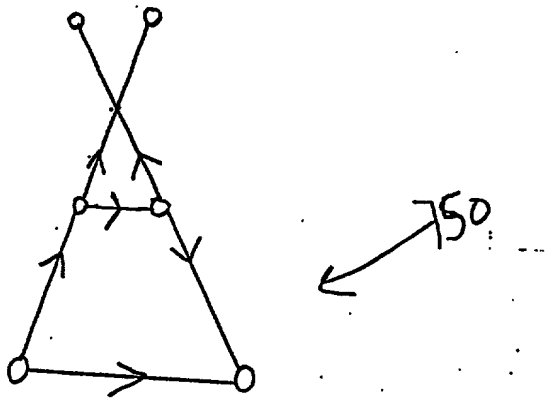

610
615
660
665
Semantic Description 1
Semantic Description 2

Figure 6



Semantic Mosaic Description

Figure 7

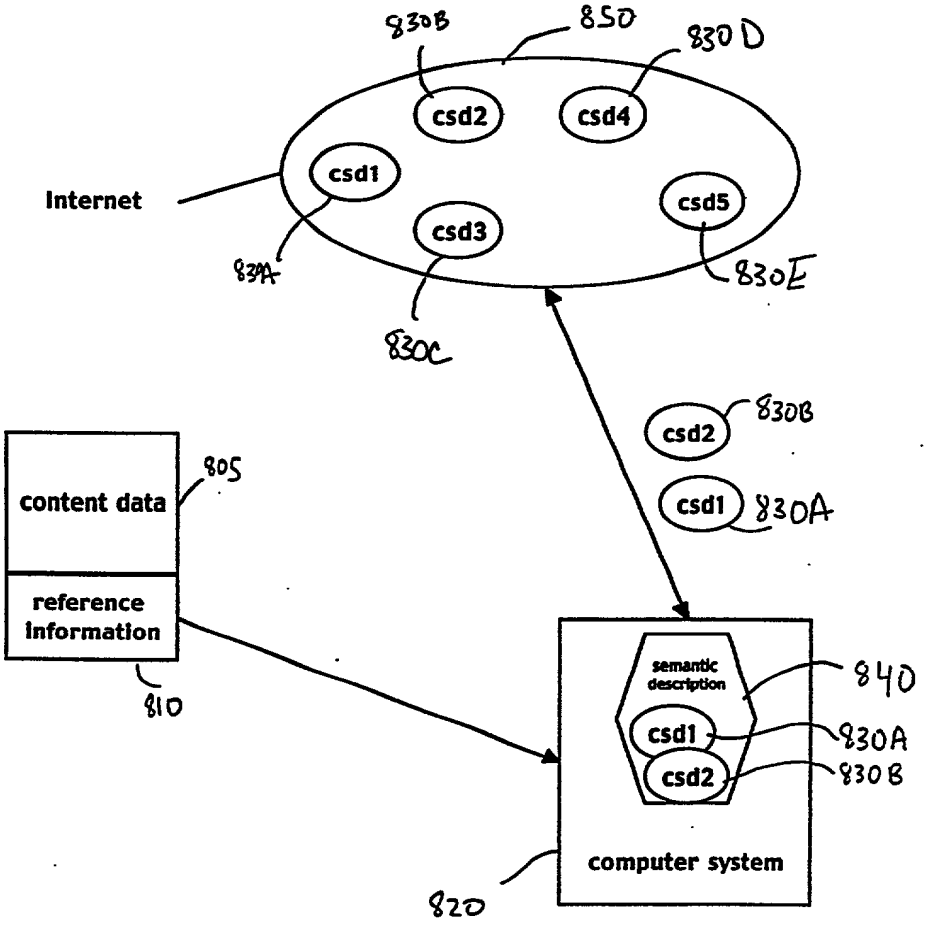

830B
850
830D
csd2
csd4
csd1
Internet
csd5
csd3
830A
830E
830C
csd2
830B
content data
805
csd1
830A
reference information
semantic description
840
csd1
830A
csd2
830B
computer system
810
820

Figure 8

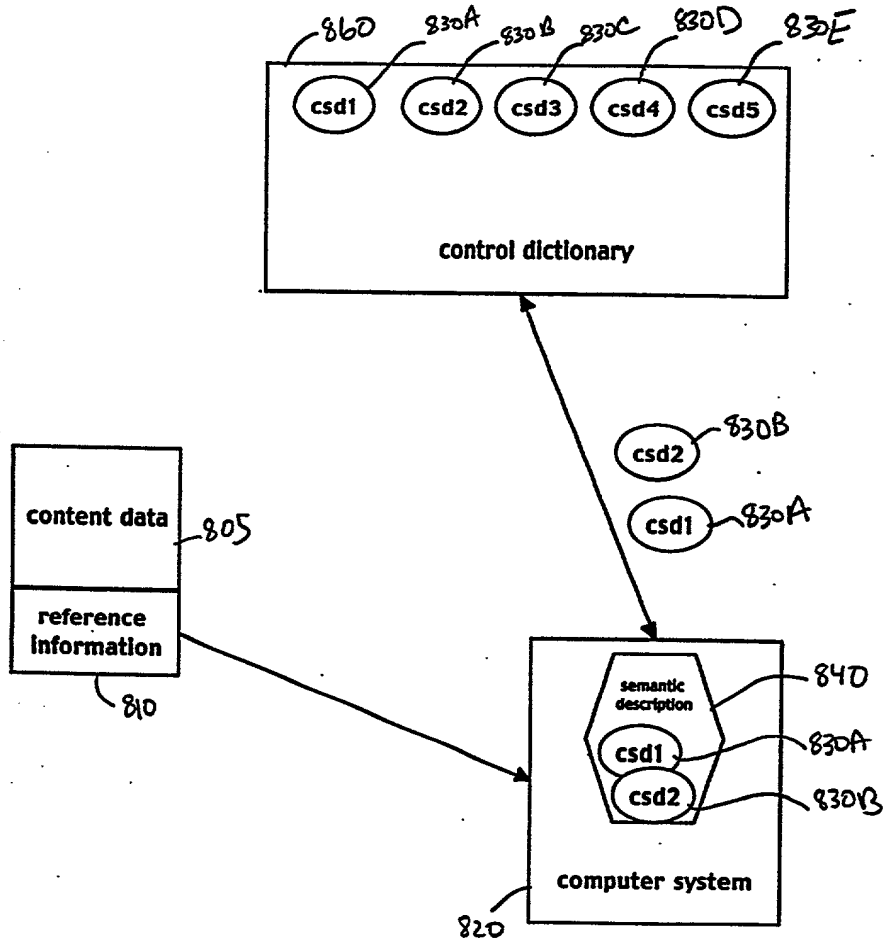
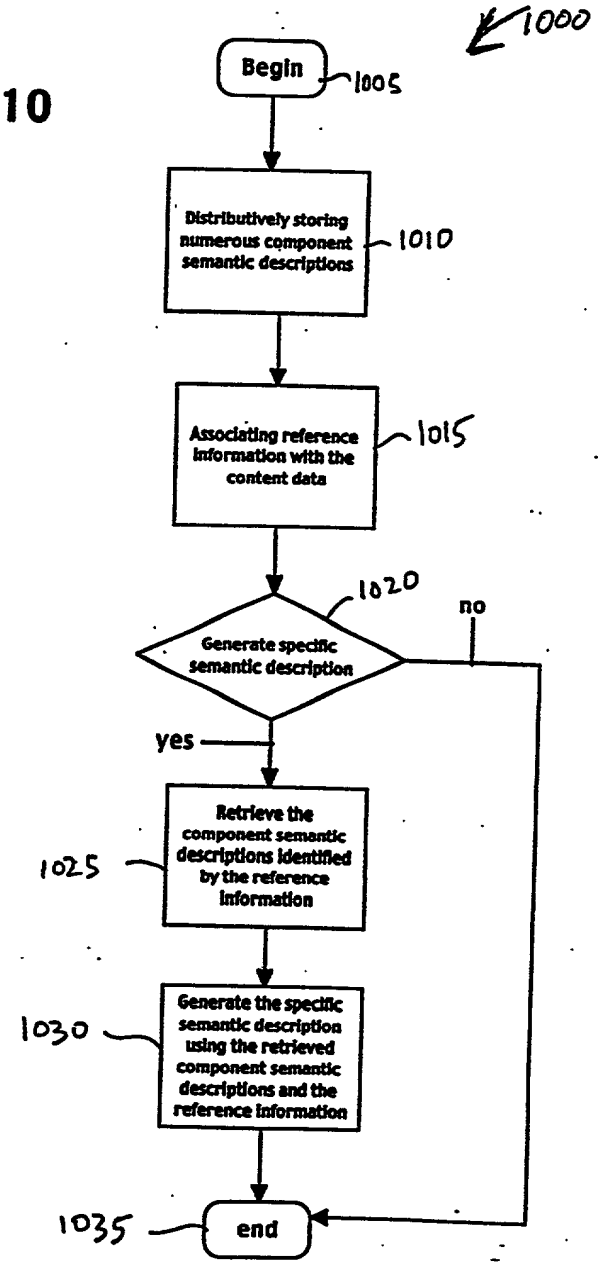

860
830A
830B
830C
830D
830E
csd1
csd2
csd3
csd4
csd5
control dictionary
830B
csd2
830A
csd1
content data
805
reference information
810
semantic description
840
csd1
830A
csd2
830B
computer system
820

Figure 9

Figure 10


1000
Begin
1005
Distributively storing numerous component semantic descriptions
1010
Associating reference information with the content data
1015
1020
Generate specific semantic description
no
yes
Retrieve the component semantic descriptions identified by the reference information
1025
Generate the specific semantic description using the retrieved component semantic descriptions and the reference information
1030
end
1035